

VITENSON, A.S.

Individual differences in consecutive images as related to
type-dependent properties of the higher nervous activity.
Vop. psichol. 3 no.39-46 My-Je '57. MLRA 10:8)

1. Nauchno-issledovatel'skiy Institut aviatcionnoy meditsiny,
Moskva.

(TEMPERAMENT) (SIGHT)

Country : USSR
Category: Human and Animal Physiology. Nervous System
Higher Nervous Activity. Behavior.

Abs Jour: RZhBiol., No 19, 1950, 89232

Author : Vitenzon, A.S.

Inst :
Title : On the Course of Optical Trace Reactions Under Normal
Conditions and in Some Diseases of the Nervous System.

Orig Pub: Zh. nevropatol. i psichiatrii, 1957, 57, № 9,
1116-1120

Abstract: In 35 normal subjects under conditions of predomi-
nance of an inhibitive process (large doses of
coffeeine, bromide, hypoxia, lack of sleep) the
value of the latent period increased, and the dura-

Card : 1/2

T-106

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CIA-RDP86-00513R0018601200

"APPROVED FOR RELEASE: 09/01/2001

CIA-RDP86-00513R001860120005-8

VITENZON, J.C.

Vitenez, L.G. On the relative motion of a material point

1.F.1.

2

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APPROVED FOR RELEASE: 09/01/2001

CIA-RDP86-00513R001860120005-8"

124-1957-2-1435

Translation from Referativnyy zhurnal. Mekhanika, 1957, Nr 2, p 3 (USSR)

AUTHOR: Vitenzon, I.G.

TITLE: The Works of A.M. Lyapunov on Mechanics During His Stay at
Khar'kov (Raboty A.M. Lyapunova po mekhanike v khar'kovskiy
period yego deyatel'nosti)

PERIODICAL: Uch zap. Khar'kovsk. un-t, 1956, Vol 65, pp 75-89

ABSTRACT: Bibliographic entry

1. Mechanics 2. Personnel--Performance

Card 1/1

KOMAROV, A.; VITENZON, M.

Let's regulate selection of the sick for health resorts. Okhr.
truda i sots.strakh. no.9:46-48 S '59. (MIRH 13:1)
(Sochi--Health resorts, Watering places, etc.)

VITENZOV, S.I.

Category : USSR/Solid State Physics - Phase Transformation in Solid Bodies E-5

Abstr Jour : Ref Zhur - Fizika, No 3, 1957, No 5630

Author : Nikoleyenko, Ye.G., Vitenzov, S.I.

Title : Cast-Iron Sheet, Its Crystallization and Plastic Deformation in Cold and Hot States.

Orig Pub : Novoye v teorii i praktiko liteyn. praviz-va, i...L., Mashgiz, 1956, 409-419

Abstract : Discussion of the effect of conditions of primary and secondary crystallization and plastic deformation in cold and hot states on the structure and properties of cast-iron sheets obtained by liquid rolling.

Card : 1/1

VITENZON, S. I.

Chemical Abst.
Vol. 48 No. 3
Feb. 10, 1954
Metallurgy and Metallography

Gaseous carburizers from natural gas in the Ukrainian S.S.R. V. N. Frantsevich, S. I. Vitenzon, M. V. Spiktor, and V. P. Bryantsev. *Ukrain. Kemi. zhur.*, 16, 351-59 (1956) (Russia). Carburizing media were prepd. from a mixt. of propane 36.5, butane 38.3, and isobutane 21.0% by vol. of tube during decompr. The C deposited on the tube during decompr. speeded the reaction. Preliminary treatment of the steel tube with H₂ increased the catalytic effect, while treatment with O₂ decreased it. The presence of 1.5% O₂ in the mixt. depressed both the formation of C and the decompr. of complex hydrocarbons. Changes in per cent H₂ during thermal decompr. affected the reaction rate; the rate increased with increase in per cent H₂. Calculs. showed that oxides of Fe could be reduced by H₂, thus accounting for the change in catalytic activity of the tube. Thermal decompr. of a propane-butane mixt. contg. O₂ 0.1 and CO 0.2% in a tube with a carbonized surface and with a surface-to-vol. ratio of 2.7 showed that the products at 600 and 700° were unsuitable for carburizing because they were too rich in C and had a large amt. of unsatd. hydrocarbons. Decompr. at 600 and 600° produced gaseous products that were essentially CH₄ and H₂, and at 900° a small amt. of solid products of polymerization was obtained. Therefore, thermal decompr. at 900° was best for a carburizing gas. The rate of formation of C agreed with previous data. Tests of carburizing gases were made in a lab. app. on steel 20 KhCr 0.2, Si 0.25, Mn 0.34, P 0.03, S 0.025, Cr 0.83% (trace of Ni) at 925° with a gas flow of 64 l/hr. with propane-butane mixt. that was decompr. in a separately heated tube at temps. from 600 to 925°. Decompr. temps. of 920 to 925° gave carburizing rates somewhat lower than the max. rate at 840°, but they were best since C deposition on specimens and the tube was avoided. The microstructure of the carburized layer was eutectoidal with a gradual transition to the core. A few fine cementite grains appeared at the surface only after long times of heating. A gas flow of 14 l hr. gave a greater depth of penetration than lower or higher values, 3.6 and 42 l hr. The higher values produced free cementite. When the same carburizing gas was used a second and a third time with preheating and carburiz-

(over)

ing temps. of 925° and gas flows of 3 l./hr., it carburized to 0.9 of the depth produced the first time. The 4th time the depth was only 0.1 and the gas could be used as a neutral atm. Carburizing at 875° produced objectionable free cementite. Carburizing at 875° was about 25% slower than at 925° but it avoided overheating the core. After carburizing at 925°, the best heat-treatment was oil-quenching after 20 min. at 875°, a second quenching after 30 min. at 700°, and tempering at 160 to 200°. This treatment gave a hardness of 53 to 62 R_c, a martensitic case, and a fine-grained core.

A. G. Guy

"APPROVED FOR RELEASE: 09/01/2001

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[REDACTED] [REDACTED] [REDACTED] [REDACTED]

APPROVED FOR RELEASE: 09/01/2001

CIA-RDP86-00513R001860120005-8"

Poland/Solid State Physics - Phase Transformations in Solids, E-5

Abst Journal: Referat Zhur - Fizika, No 12, 1956, 34703

Author: Vitenzon, S. I., Tripol'skaya, R. S., Galayko, R. I.

Institution: None

Title: Experience in Modification of Cast Iron by Magnesium

Original Periodical: Przegl. Odlewn., 1956, 6, No 1, 28-29

Abstract: Translation from the periodical Liteynoye proizvodstvo [Casting Industry], 1955, No 5, (Referat Zhur - Fizika, 1956, 10390)

10F/

- 1 -

VITENZON, S. I., kandidat tekhnicheskikh nauk; BEANTSEVICH, V.R., mladshiy nauchnyy setrudnik.

Liquefied hydrocarbon gases used for cementation. Vest.mash.27
no.2:38-41 '47. (MLRA 9:4)
(Cementation (Metallurgy))

S/137/62/000/001/211/237
A154/A101

AUTHOR: Vitenzon, S. I.

TITLE: The effect of chemical elements on the decarbonizing of sheet cast-iron

PERIODICAL: Referativnyy zhurnal, Metallurgiya, no. 1, 1962, 96, abstract 11690
(V sb. "Palucheniye izdeliy iz zhidk. met., uskoren. kristalli-
zatsiyey". Moskva-Kiyev, Mashgiz, 1961, 250 - 261)

TEXT: The effect of Si, Mn, P, S and C on the process of decarbonization of 1 mm sheet cast-iron specimens (having a white cast-iron structure, and graphitized) at 990 - 1,000 C in CO was studied. Decarbonization of sheet cast-iron permits obtaining sheet steel with a ferrite structure and good mechanical properties ($\sigma_b = 30 - 35 \text{ kg/mm}^2$, $\delta = 10 - 17\%$), provided that the decarbonization process is not accompanied by graphitization. The optimum content of elements in sheets subjected to decarbonizing is (in %): Si - 0.4 - 0.6 (permissible ≤ 1.0), Mn - 1.5, Cr - 0.6. S and P have a negative effect. It is recommended to subject sheets up to 1.5 mm thick to decarbonization in order to avoid graphitization.

Card 1/2

The effect of chemical elements on...

S/137/62/000/001/211/237
A154/A101

tization. The dependence between the sheet thickness α and the holding required for decarbonization τ is expressed by the equation $\alpha = 0.454 \tau^{0.677}$. There are 6 references.

T. Fedorova

[Abstracter's note: Complete translation]

Card 2/2

SOV/137-59-3-5078
Translation from: Referativnyy zhurnal. Metallurgiya, 1959, Nr 3, p 26 (USSR)

AUTHOR: Vitenzon, S. I.

TITLE: Technical Progress of Soviet Metallurgy (Tekhnicheskiy progress sovetskoy metallurgii)

PERIODICAL: Zap. Voronezhsk. s.-kh. in-ta, 1958, Vol 28, Nr 1, pp 247-248

ABSTRACT: The principal trends in the technical development of ferrous metallurgy of the Soviet Union are adduced.

T. K.

Card 1/1

VITENZON S. I.

USSR.

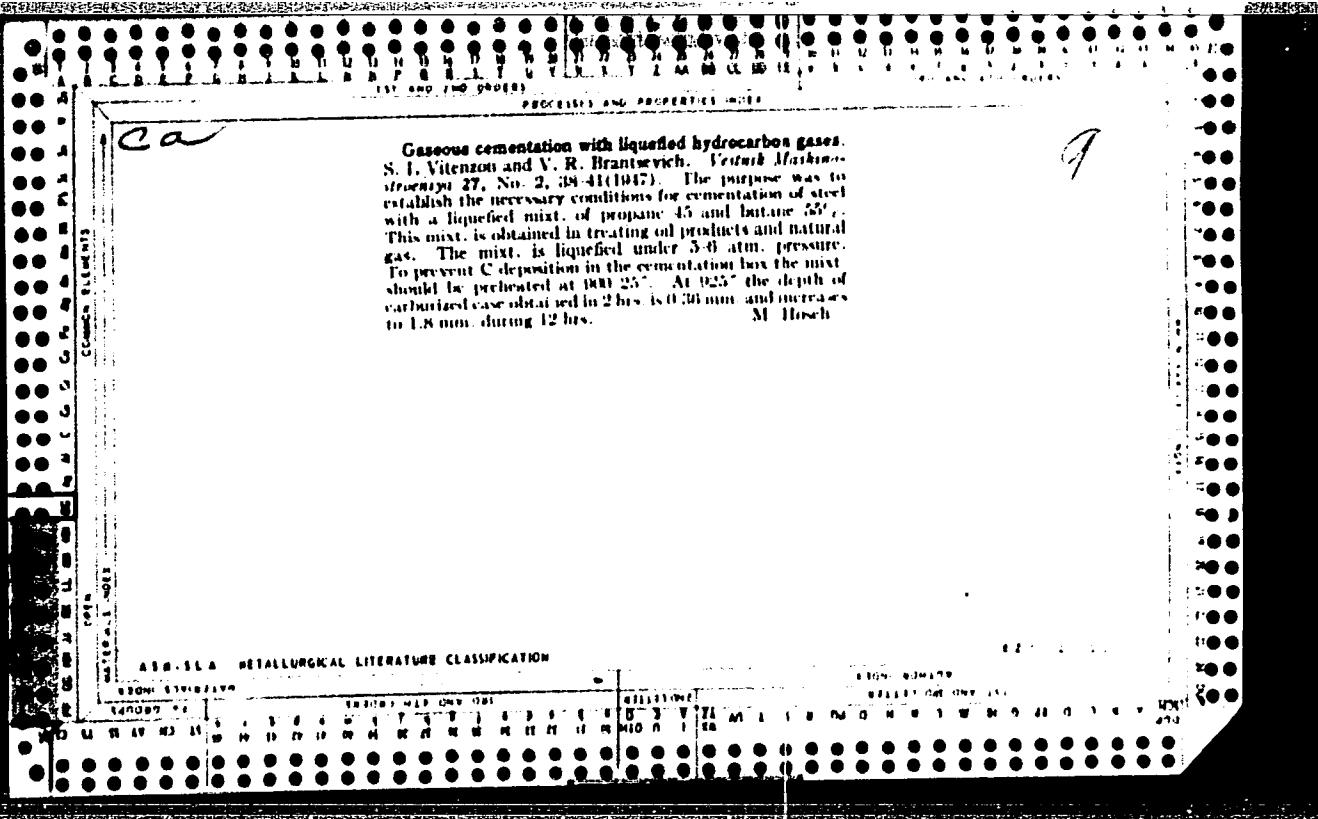
✓ Nodulizing cast iron with magnesium. S. I. Vitenzon,
R. S. Tripol'skaya, and R. I. Galalko. *Litovcas Frourood-*
1955, No. 6, 18-19.—A better slag spn. was recorded
when Mg was added together with one half of its weight of a
flux composed of CaF_2 , 60, CaCO_3 , 25, and NaCl 25% pre-
viously fused at 750-800°. J. E. Cat

62

2

1. FRANTSEVICH, I.N.; VITENZON, S.I.; SPEKTOR, B.V.; BRANTSEVICH, V.R.
2. USSR (600)
4. Gas, Natural - Ukraine
7. Gaseous carbonization agents from natural gases of the Ukrainian S.S.R. I.N. Frantsevich, S.I. Vitenzon, B.V. Spektor, V.R. Brantsevich, Ukr.khim.zhur. 16 no. 4, 1950.
9. Monthly List of Russian Accessions, Library of Congress, APRIL 1953, Uncl.

1. FRANTSEVICH, I. N.; VITENZON, S. I.; SPEKTOR, V. A.; FRANTSEVICH, V. R.
2. USSR (600)
4. Ukraine--Gas, Natural
7. Gaseous carbonization agents from natural gases of the Ukrainian S.S.R., Ukr. khim. zhur., 16, No. 4, 1950.
9. Monthly List of Russian Accessions, Library of Congress, April, 1953, Uncl.



NIKOLAYENKO, Ye.G., inzh.; VITERZON, S.I., kand.tekhn.nauk; STEPANOVA, L.D.,
inzh.

Effect of cold deformation on the properties of cast iron sheet.
Nauch. trudy DMI no.39:243-251 '60. (MIRA 13:10)
(Rolling (Metalwork)) (Cast iron)

VITER, A.F., aspirant.

Various methods of soil cultivation and fertilizer application for
corn and potatoes in Moscow Province. Dokl. TSKhA no.28:136-143 '57.
(Moscow Province--Corn (Maize)) (MIRA 11:4)
(Moscow Province--Potatoes)

VITER, A.F.

Fertilizers and tillage. Zemledelie 27 no.7:87-88 Jl '65.
(MIRA 18:7)
1. Belotserkovskiy sel'skokhozyaystvennyy institut.

VITER, A. F., Cand Agr Sci -- (diss) "Effect of ^{Various} Different Methods of Soil Treatment and Fertilizers upon Potato and Corn Yields ^{Crop} in the Central Part of the Non-Chernozem Belt." Mos, 1957. 20 pp (Mos Order of Lenin Agricultural Acad im K. A. Timiryazev), 110 copies (KL, 48-57, 107)

- 44 -

USSR/Cultivated Plants - General Problems.

M.

Abs Jour : Ref Zhur - Biol., No 4, 1958, 15474

Author : A.F. Viter

Inst :

Title : Different Methods of Working the Soil and Fertilizing
for Corn and Potatoes in Moscow Oblast'.
(Razlichnyye priyemy kartofel' v Moskovskoy oblasti).

Orig Pub : Dokl. Mosk. s.-kh. akad. im. K.A. Timiryazevn, 1957,
vyp. 28, 136-143.

Abstract : No abstract.

Card 1/1

V. A. Viter, M.A., kand. sel'skokhozyaystvennykh nauk; VITER, A.F.

Influence of soil tillage and fertilizers on corn and potato crops outside the chernozem belt. Zemledelie 6 no. 2:34-37 '58. (MIRA 11:3)

1. Pochvenno-agronomicheskaya stantsiya imeni akad. V.P. Vil'yamza.
(Corn (Maize)) (Potato)

VITER, Aleksandr Fedotovich, kand.sel'skokhoz.nauk; SLEPTSOVA, K., red.;
NEFATOV, V., tekhn.red.

[Advance practices of growing sugar beets] Perekovyye priemy
vozdelyaniia sakharinoi sverkly. Orel, Orlovskoe knizhnoe
izd-vo, 1960. 36 p. (MIRA 14:3)
(Sugar beets)

VITER, A.F.; KOLTAKOVA, P.S.

Some results of field experiments of many years with fertilizers
at the Orel Agricultural Experiment Station. Pochvovedenie no. 7:
53-60 Jl '65 (MIRA 19:1)

1. Orlovskaya gosudarstvennaya sel'skokhozyaystvennaya optytnaya
stantsiya. Submitted May 11, 1962.

VITENZOV, S. I.

Category : USSR/Solid State Physics -- Phase Transformation in
Solid Bodies

E-5

/bc Jour : Ref Zhur - Fizika, No 3, 1957, No 6630

Author : Nikolayenko, Ye.G., Vitenzov, S.I.
Title : Cast-Iron Sheet, Its Crystallization and Plastic Deformation
in Cold and Hot States.

Orig Pub : Novaya v teorii i praktiko litoyn. proizvna, M.-L., Mashgiz,
1956, 409-419

Abstract : Discussion of the effect of conditions of primary and seccon-
dary crystallization and plastic deformation in cold and hot
states on the structure and properties of cast-iron sheets
obtained by liquid rolling.

Card : 1/1

KOMAROV, N.; VITER, D.

Experience in use of cutter-loader in mining coal from thin seams.
Mast.ugl. 3 no.2:3-5 P '54. (MLRA 7:3)

1. Nauchnyy sotrudnik Donetskogo nauchno-issledovatel'skogo
ugol'nogo instituta (for Komarov). 2. Pomoshchnik glavnogo inzhenera
shakty No.6-14 kombinata Stalinugol' (for Viter).
(Coal mines and mining)

VITER, D.; PETROV, V.

How we exceeded the planned mine capacity. Mast.ugl. 3 no.9:7-8
S'54. (MLRA 8:2)

1. Pomoshchnik glavnogo inzhenera shakhty No. 6-14 kombinata
Stalinugol' (for Viter). 2. Nachal'nik tekhnicheskogo otdela
tresta Krasnogvardeyskugol' (for Petrov).
(Coal mines and mining)

KUZNETS, M.M., prof. [deceased]; BOGDANOVICH, S.N., dotsent; LEVKOVSKIY, N.M.,
kand. med. nauk; SEMENOVA, V.H.; GLUKHEN'KIY, B.T.; YUKI, M.M.; OSADCHIY,
Ye.D.; BARABASH, M.Ye.; VIL'CHINSKIY, S.P.; VITBER, I.S.; VOROBETS, I.P.;
GRABOVSKAYA, R.A.; RAKHMATULLINA, M.G.; SALOVA, G.V.

Treatment of lupus eruthematosus with phthivazid. Vrach. delo no.4:
373-378 Ap '59.
(MIRA 12:7)

1. Kiyevskiy meditsinskiy institut.
(LUPUS)(ISONICOTINIC ACID)

VITER, V. D. (Scientific Coworker)

"Exploration of effective methods for the fight against the Persian tick."

SO: Veterinariya 29 (4), 1952, p. 33

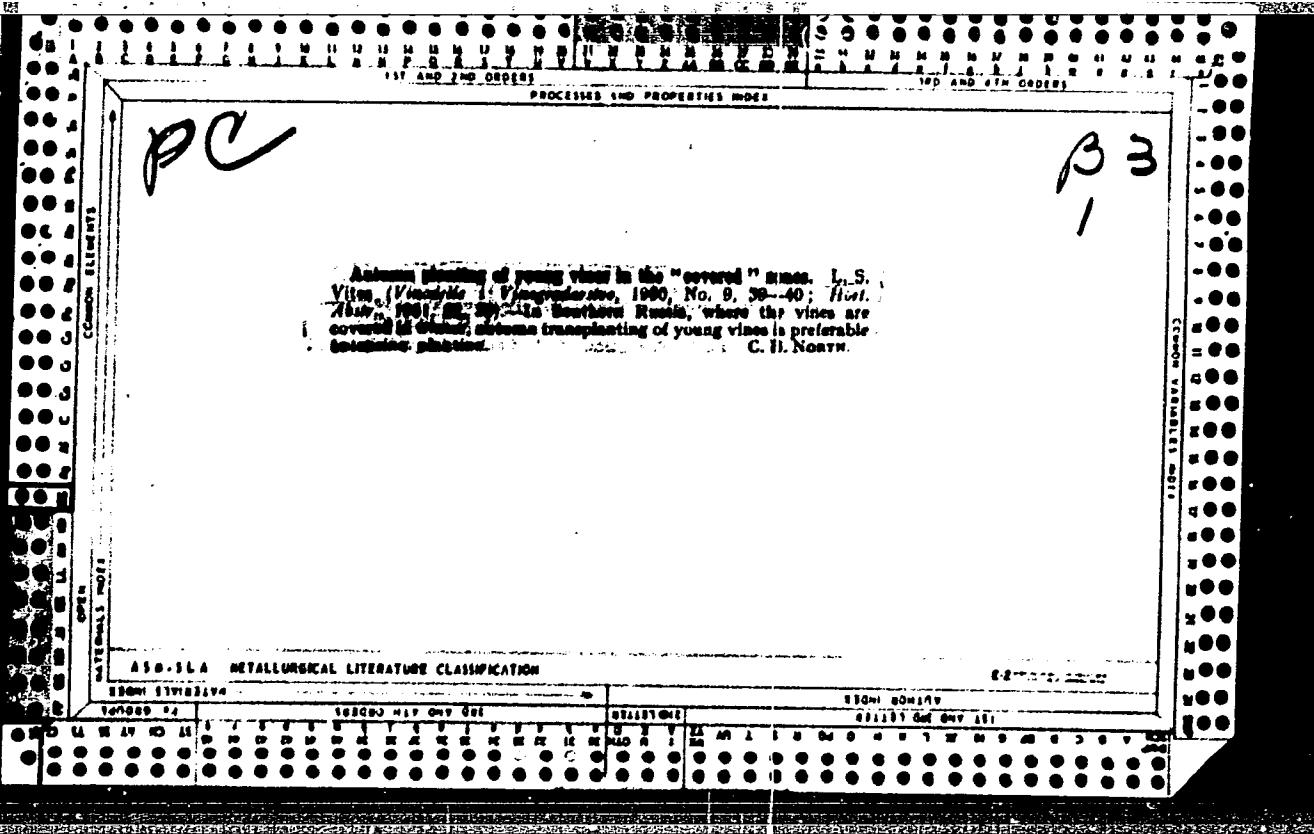
Scientific-Research Laboratory for the Study of Poultry Diseases, City of Piatigorsk

VITER, V. D.

Ticks

Search for effective methods of controlling Argas persicus. Veterinaria 29 No. 4, 1952.

9. Monthly List of Russian Accessions, Library of Congress, August 1952 ¹⁹⁵³. Unclassified.



AGAFONOVA, V.A.; BEDNAYA, L.D.; BOCHKAREVA, I.I.; VITES, V.G.; GEGECHKORI, N.M.;
DYATLOVA, O.A.; YEFIMOVA, Z.A.

Spectrum analysis of high-melting metals: tungsten and molybdenum.
Fiz.sbor. no.4:44-51 '58. (MIRA 12:5)
(Tungsten--Spectra) (Molybdenum--Spectra)

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S/108/61/000/006/005/008
D201/D305

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AUTHORS: Viter, V.V., and Kul'kov, K.V., Members of the Society
(See Association) X

TITLE: The use of pulse counters for measuring the correlation coefficient between the excess threshold level and a random signal

PERIODICAL: Radiotekhnika, no. 6, 1961, 40 -44

TEXT: In analyzing the threshold system it is of interest to be able to determine the correlation coefficient between the excess of a given threshold level at predetermined intervals and the incoming signal. The problem usually reduces to that of determining the autocorrelation coefficient of pulse amplitudes which would operate the threshold normalizer. In the present article the authors analyze one of the related methods of measurement. The analyzed quasi-periodic pulse repetition rate with arbitrary amplitudes and a known repetition period T_p is denoted by φ_{qp} and the re-

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The use of pulse counters ...

petition rate having the same period by φ_p . The probability of exceedance threshold x_0 or, in other words, the probability of occurrence of event $i = 1$ is denoted by β , i.e. $P(i = 1) = \beta$. The probability of the opposite even $i = 0$ will thus be $P(i = 0) = 1 - \beta$. For a stationary process the probability of events i as a result of repetitive $\varphi_{qp}(x)$ is equal to the probability of events j resulting from $\varphi_{qp}(y)$ or

$$P(i) = P(j) = \begin{cases} \beta & \text{for } i \text{ (or } j\text{)} = 1 \\ 1 - \beta & \text{for } i \text{ (or } j\text{)} = 0 \end{cases} \quad (2)$$

hence the mean values of x and y are:

$$m_x = m_y = \sum_{i=0}^1 i P(i) = \beta, \quad (3)$$

the distribution law of $P(i, j; k)$ of a system of quantities (x , y) can be represented in the form:

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The use of pulse counters ...

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$$P(i,j,k) = P(i)P(j/i;k) = \begin{cases} \beta P(j/l;k) = & \begin{cases} \beta P_{11}(k) \text{ for } i=j=1 \\ \beta P_{10}(k) \text{ for } i=1, j=0 \end{cases} \\ (1-\beta)P(j/0;k) = & \begin{cases} (1-\beta)P_{01}(k) \text{ for } i=0, j=1 \\ (1-\beta)P_{00}(k) \text{ for } i=j=0. \end{cases} \end{cases}$$

From the above, the correlation coefficient of quantities x and y is derived for the stationary case as ρ_c in

$$\rho_c = \frac{P_{11}(k) - \beta}{1 - \beta}. \quad (1)$$

The authors conclude that in order to determine the correlation coefficient ρ_c between the pulse amplitudes which produce excess threshold and operate the installations it is necessary to measure the following: 1) The average repetition frequency $F_{11}(k)$ of paired states $ij = 11$; 2) The average frequency F_1 at which the

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The use of pulse counters ...

threshold circuit operates and 3) The repetition frequency of periodic pulses F_p . The above measurements can be done using averaging pulse counters. The block diagrams of the installation for detection of paired states $kj = 11$ at any interval kT_p and that of counters C for measuring frequencies F_{11} , F_1 and F_p are shown in Fig. 3. The storage of information, produced by consecutive ones and zeros corresponding to the operation and cut off of threshold cct (Thr), is assured by applying the information to a register. The register consists of series connected triggers $T_1 \div T_n$ and at its input are applied pulses of the analyzed repetition rate φ_{qp} which pass through the threshold. These pulses are simultaneously applied to the input of counter C_1 for measuring frequency F_1 . The measurement of repetition frequency of paired states F_{11} is done at the output of the coincidence circuit consisting of switches S_1 and S_2

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The use of pulse counters ...

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and using counter C_2 . The shifting of information along the register and reading of the states of triggers connected to switches S_1 and S_2 is secured by the pulses with repetition rate φ_p . The repetition rate of pulses with F_p is measured by counter C_3 . In practice, all three frequencies can be measured by an averaging counter, such as e.g. type MCC (ISS). As an example, Fig. 4 shows the normalized autocorrelation function $\rho(\tau)$ of pulse amplitudes triggering a valve trigger with a probability $\beta = 0.8$. There are 4 figures and 1 non-Soviet-bloc reference. The reference to the English-language publication reads as follows: M.S. Bartlett. Proceedings of the Cambridge Philosophical Society, v. 47, no. 1, January 1951.

ASSOCIATION: Nauchno - tekhnicheskoye obshchestvo radiotekhniki i elektrosvyazi im. A.S. Popova (Radio Engineering and Electrical Communications Society im. A.S. Popov).

[Abstractor's note: Name of association taken from first page of journal]

SUBMITTED: May 27, 1960 (initially)
February 1, 1961 (after revision)

Card 5/7

VITER, V.V.; KUL'KOV, K.V.

Use of impulse counters for measuring the self-correlation coefficient
of the exceeding of the threshold level by a random signal.
Radiotekhnika 16 no.6:40-44 Je '61. (MIRA 14:6)

1. Deystvitel'nye chleny Nauchno-tekhnicheskogo obshchestva
radiotekhniki i elektrosvyazi.
(Information theory)
(Pulse techniques (Electronics))

LYSENKO, D.N., kand. tekhn. nauk, dotsent; VITEVSKIY, I.V., inzh.

Stamping by means of a high-strength pulsed electromagnetic
field. Vest mashinostr. 43 no.7:51-55 Jl '63. (MIRA 16:8)

(Forging) (Electromagnetic fields)

KALININ, V.K.; MIRONOV, K.A.; VITEVSKIY, I.V.; NIKIFOROV, B.D.; SESYUNIN, V.S.; SOBOLEV, V.M.; ZOROKHOVICH, A.Ye., kandidat tekhnicheskikh nauk; VERINA, G.P., tekhnicheskiy redaktor.

[Electric circuits of electric locomotives and maintenance of the equipment] Elektricheskie skhemy elektrovozov i ukhod za apparaturom. Moskva, Gos.transp.zhel-dor.izd-vo, 1955. 178 p. (MIRA 8:4)
(Electric locomotives)

VITOVSKIY, Ivan Vasil'yevich; CHERNYAVSKIY, Simon Nisonovich; YAKOVLEV,
D.V., inzh., red.; KHITROV, P.A., tekhn.red.

[Design and repair of direct current electric locomotives]
Ustroistvo i remont elektrovozov postoiannogo toka. Moskva,
Gos.transp.zhel-dor.izd-vo, 1959. 494 p. (MIRA 12:12)
(Electric locomotives)

VITEZ, A.

On the eve of the second Fair of Local Industry in Budapest. p. 13.

UJITOK LAPJA, Vol. 7, No. 8 April 1955

(Oszagos Talalmanyi Hivatal) Budapest

SOURCE: EAST EUROPEAN ACCESSIONS LIST Vol. 5, No. 1 September, 1956

VITEZ, Andras, dr.

Budapest Industrial Fair: the independent demonstration of
industries. Musz elet 19 no.2:5 16 Ja'64.

1. Budapesti Nemzetkozi Vasar igazgatoja.

Vitez, I.

HUNGARY/Pharmacology. Pharmacognosy. Toxicology -
Antiseptics.

T-10

Abs Jour : Referat Zhur - Biologiya, No 16, 1957, 71974

Author : Balogh, K., Vitez, I., Szeremi, K.

Inst :

Title : "Sterogenol" Application in Medicine.

Orig Pub : Orv. hetilap, 1955, 96, No 30, 820-824

Abstract : Sterogenol - a cationic purifier of Hungarian manufacture is recommended in the form of aqueous solution for the sterilization of hands and mouth areas pre-operatively, materials used in stomatology for the preparation of impressions, materials for suture. It does not corrode the nozzle or needle; the solution which remains in the needles after boiling does not produce undesirable local effects.

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VITELZ IDA ISTVAN
CIO
EXAMINATIONS AND PRACTICES AND
Examination of chemical agents for flour treatment by
means of feeding experiments. Latvian, de: Vitelz, Kisl.
Iengyi Kozlemeyek 37, 111-28(1934).--Biol. effects of
various flour-treating agents contg. Ba_2O_3 , $NaBO_3$,
 $(NH_4)_2S_2O_8$ and $KBrO_3$ were examd. Data on changes
in body wt., on length of life and on disease showed that
flours treated with oxidizing agents have a bad effect on
the animals, both when fed with pulps made of flours
and when fed with baked products from such flours.
 $NaBO_3$ and Ba_2O_3 were most toxic. Th: preprns. Vuk-
Gombery (flour flakes) and Glutan (50% wheat flour and
30% K_2HPO_4) had no toxic effects. S. S. de Finally

ASA-SLA METALLURGICAL LITERATURE CLASSIFICATION

E-Z-FILE CARD

ITEM NUMBER	1930-33 MFR CNT CAT	EDITION	ITEM NUMBER
12000000000000000000	12000000000000000000	12000000000000000000	12000000000000000000

VITEZ, Istvan, dr.

Sterilization and disinfection in everyday practice. Orv. hetil.
106 no.34:1599-1602 22 Ag'65.

1. Orszagos Kozegeszsegugyi Intezet (Foigazgato: Dr. Bakacs,
Tibor).

VITEZ, Istvan, dr.; KOVACS, Laszlo

Hygienic evaluation of perlon mesh. Nepereszsegny 41 no.1:
22-23 Ja '60.

(PLASTICS)
(SURGERY PLASTIC)

HUNGARY

VITEZ, Istvan, Dr.: National Public Health Institute, IX. Gyali Avenue
2-6 (Orszagos Kozegeszsegugyi Intezet, IX. Gyali ut 2-6), Budapest.

"Chemical Sterilization of Synthetic Materials."

Budapest, Magyar Sebeszet, Vol XVI, No 2, May 1963, pages 118-120.

Abstract: [Author's German summary] The author developed a procedure for the sterilization, without heat, of tubes, threads and plates made from various synthetic materials. The articles are soaked in 5 per cent sodium hypochlorite solution for 4 hours or in 20 per cent formaldehyde for 1 1/2 hours. They are then taken out with a sterile forceps, rolled in sterile gauze and kept no longer than 24 hours. If the instruments are used immediately, the soaking solutions must be rinsed off with sterile water. 12 Western, 2 Hungarian references.

1/1

EXCERPTA MEDICA Sec 17 Vol 5/8 Public Health Aug 59

2206. A QUICK METHOD FOR DETERMINING THE CARBON DIOXIDE CONTENT OF THE AIR - Gyors eljárás a levegő széndioxidtartalmának meghatározására - Vitéz I., Nagylucskay S. and Sujbert L. Orvostud. Egyet, Közegészségügyi Intézete, Budapest - EGESZSEGTUDOMANY 1958, 11/3 (206-213) Tables 3

The principle of the method is in fact similar to that of Pettenkofer's test, but it may also be used in field work, and is comparable in accuracy to Winkler's semi-micromethod. Therefore, it is recommended for routine hygienic examinations, and also considered suitable for comparative studies and for the continuous control of air in schoolrooms, cinemas, etc.

EXCERPTA MEDICA Sec 17 Vol 5/1 Public Health Jan 59

260. RAPID METHOD FOR DETERMINATION OF CO₂ IN THE AIR - Schnell-
verfahren zur Kohlendioxydbestimmung der Luft - Vitzz I., Nagyluc-
kay S. and Sujbert L., Inst. für Hyg., Med. Univ., Budapest - ARCH.
HYG. (Berl.) 1958, 142/2 (144-151) Tables 3

The principle of the method is similar to Pettenkofer's method. However, the
precision of Winkler's semi-micron method is nearly attained and the test can be
performed easily. For rough evaluation which allows a continuous control of the
air in schools, cinemas etc., another method is described.

HUNGARY/Chemical Technology. Pharmaceuticals.
Vitamins. Antibiotics.

Abs Jour: Ref Zhur-Khim., No 24, 1958, 82658.

Author : Vitez I., Szereni K.

Inst :
Title : The Control of the Practical Application of Some
Sterilization Methods.

Orig Pub: Acta pharm. hung., 1957, 27, No 4-5, 192-199.

Abstract: The optimum conditions of sterilization in an auto-clave by dry heating and by tindalization were investigated. It was determined that if one uses as a measure of effectiveness the destruction of aerobic and anaerobic soil bacteria, then in an autoclave at 0.25 atm. (106-107°C) the steriliza-

card : 1/2

HUNGARY/Chemical Technology. Pharmaceuticals.
Vitamins. Antibiotics

H

Abs Jour: Ref Zhur-Khim., No 24, 1958, 82658.

tion is achieved in 20 minutes, whereby the volume of liquid taken for sterilization must not exceed one liter. The same effect is obtained by dry heating for 120 minutes at 160°C, at 170°C for 90 minutes. The sterilization (heating to 100°C for 3 days in the raw) insures sterility only in the case when the pH of the solution is in the acid range (pH 2-3), and the destruction of spores appears as the result of physical (heating) and chemical (acid) actions.

Card : 2/2

1

VITEZ, Istvan, dr.; PETERFFY, Laszlo, dr.; GERLEI, Ferenc, dr.

Case of generalized candidiasis caused by Candida krusei.
Orv. hetil 98 no.20:532-535 19 May 57.

1. A Budapesti Orvostudomanyi Egyetem Kozegeszsegtsani
Intezetenek (mb. vezeto: Vites, Istvan, dr. egyet. adjunktus)
es a Szabolcs-Szatmar, Megyei Tanacs Korhaza (igazgato:
Salamon, Istvan, dr.) Orr-ful-torok-gege Jastalyanak (foorvos:
Peterffy, Laszlo, dr.) es Korbonctani-korszovettani Osztalyanak
(foorvos: Gerlei, Ferenc, dr.) kozlemenye.

(MONILIASIS, case reports
generalized moniliasis caused by M. krusei (Hun))

VITEZ, I.; NOVAK, E.K.

Mycological examination of clinical materials. Acta microbiol.
acad. sci. Hung. 11 no.3:199-202 '64/65

1. State Institute of Hygiene (Director: T. Bakacs), Budapest.

VITEZ, Istvan, dr.,; MARTON, Sandor, dr.,; CSILLAG, Anna, dr.

Pulmonary cryptococciosis (torulosis). Orv. hetil. 96 no.25:
683-685 19 June 55.

1. A Budapesti Orvostudomanyi Egyetem Kozegeszsegidana Intezet
(igazgato: Dabis Laszlo dr. egyet tanar) az Allami Koranyi
Tudogyogyintezet (Igazgato: Deszauer Pal dr.) II. osztalya
(osztalyvezeto foorvos: Marton Sandor dr.) as Orszagos Kozegeszsegugyi
Intezet (folgasgato: Tako Jozef dr.) kozlemenye.

(CRYPTOCOCCOSIS,

pulm.)

(LUNGS, diseases,
cryptococciosis)

DABIS, Laszlo, dr.; VITEZ, Istvan, dr.; SZEREMI, Katalin, dr.

Effect of active sun radiation in temperate climate on rats,
kept on rachitogenic diet. Orv. hetil. 97 no.19:513-518 6 May
56.

1. A Budapesti Orvostudomanyi Egyetem Kozegeszsegtsani (igazgato:
Dabis, Laszlo, dr. egyet. tanar) kozlemenye.

(RICKETS, exper.

eff. of sunlight in temperate climate on rats on
rachitogenic diet (Hun))
(SUNLIGHT, eff.

on exper. rickets in rats under temperate climate (Hun))
(CLIMATE

temperate, eff. of sunlight on exper. rickets in rats (Hun))

VITEZ, I.

Bacteriologic examinations and improved surgical asepsis. Orv.
hetil. 93 no. 15:433-438 13 Apr 1952. (CLML 23:3)

1. Prof. Doctors. 2. Institute of Public Hygiene (Director -- Prof.
Dr. Laszlo Dabis), Budapest Medical University.

VITEZ, I.

~~ACTA PHARMACEUTICA~~ Sec.4 Vol.9/6 Microbiology, etc. Aug 56

1952. VITEZ I. and SZEREMLI K. Ipari Műszaki Múzeum, Budapest. *Az ivóvíz fekális szennyezettségenek újabb indikátora. A new indicator of faecal contamination of drinking water ACTA PHARMACEUT HUNG. (Budapest) 1952, 25/3 (129-131)

A variation is described of the culture medium for enterococci of Listíky et al. adapted for use in private dwellings. A number of specimens of water from dug wells were examined, of which 78.4% proved to be suspect in view of coliform organisms but only 46.5% in regard to enterococci.

Bats - The Hague (XVII, 4)

1111, I.; 1111, I.

"Quick Determination of Iodine in Mineral Waters", p. 223, (MICROGAI
POLONY, Vol. 33, No. 7/8, July/Aug. 1953, Budapest, Hungary)

SC: Monthly List of East European Accessions (EWA), IC, Vol. 4, No. 3,
March 1955, Urcl.

VITEZ, I.

Bacteriological and serological aspects of the Fifth Hungarian
Pharmacopeia. Gyogyaszteresz 6 no. 8:189-190 1 Aug 1951. (CLML 23:5)

I. Prof. Doctor.

VITEZ, I. 1949

(Kozlemeny a Budapesti Paz. Pet. Tud Kozepeszsegtagi Intezetebol)

"Soya Flour-Meat Flour Broth."

Orvosi Hetilap, 1949 90/16(512)
Abst: No abst. in Exc. Med.

VITEZ, I.

Culturing of Mycobacterium tuberculosis on agar with liver extract.
Kiserletes orvostud. 4 no. 5:382-383 Oct 1952. (CLML 23:5)

1. Doctor. 2. Institute of Public Hygiene, Budapest Medical University.

VITEZ I. M. Ph. Bacterium taptalaj verplazma portol es szojalisztbol A new culture medium prepared from bloodplasma and soya bean meal Orvosok Lapja 1946, 2/8 (466-467)

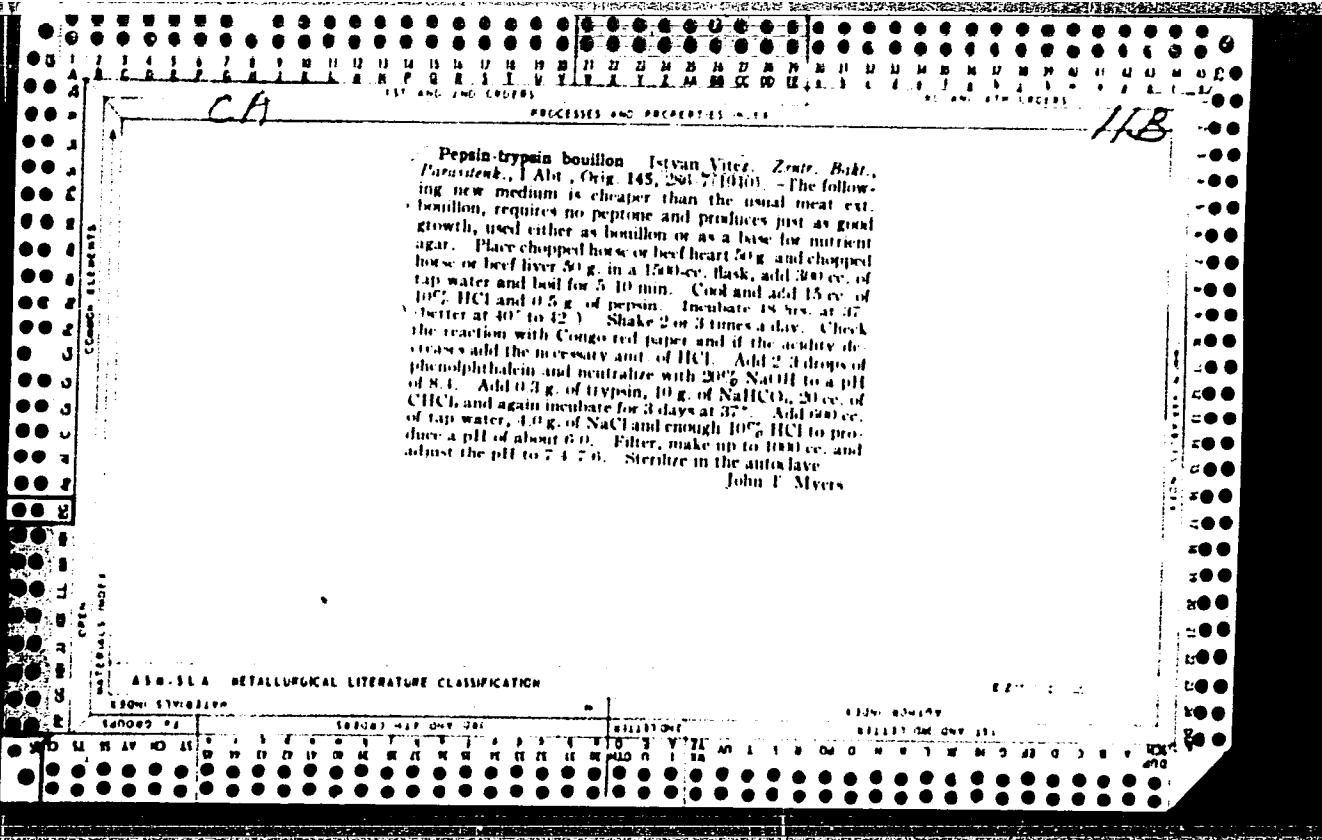
During the war it was very difficult to provide the bacterial laboratories with proper quantities of meat and peptone for preparing normal broth. The author employed soya bean meal as a protein source. The disadvantage of the new material is the slight solubility and its incomplete protein content. These disadvantages can be overcome by addition of powdered blood-plasma. The new medium is cheaper than the usual normal bouillon and its biological value is higher. Fuzi-Budapest

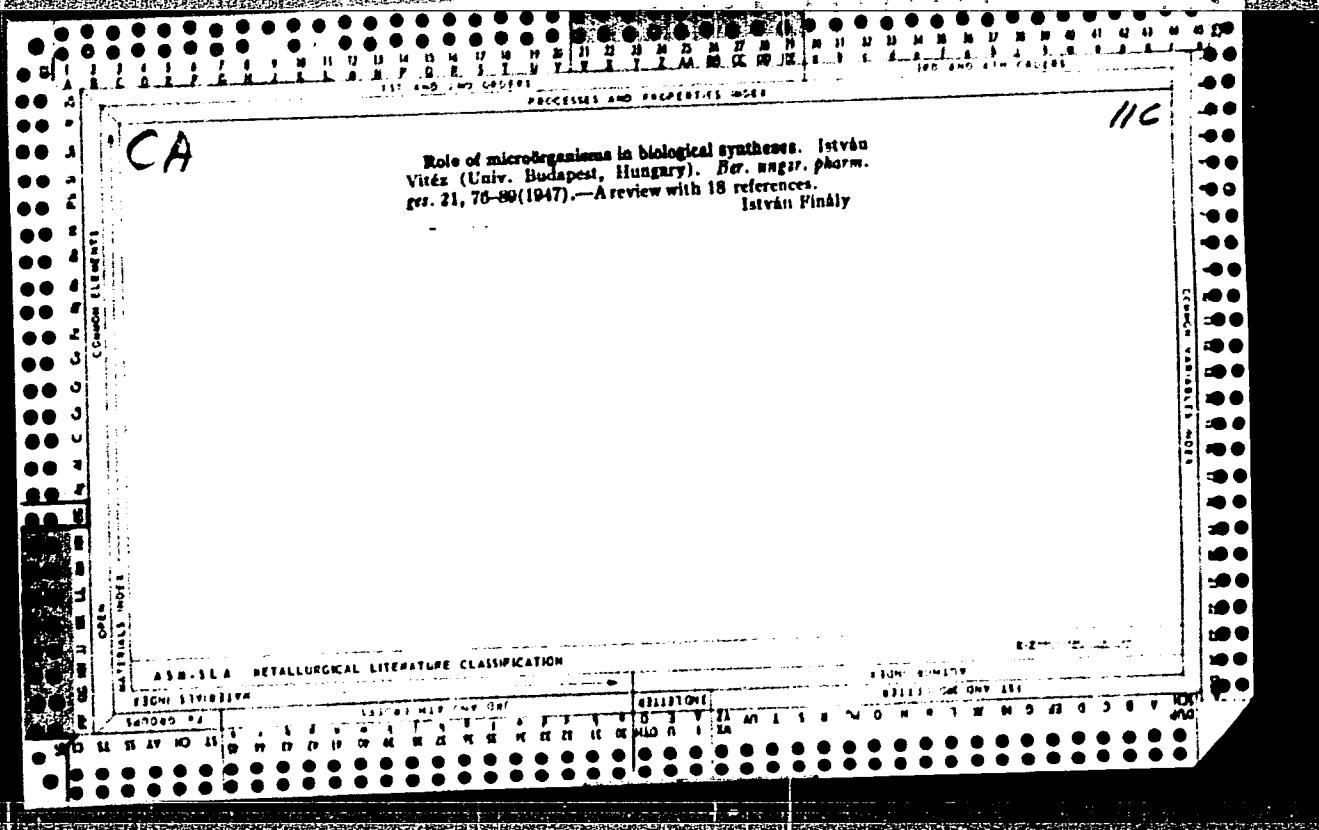
Sc: Medical Microbiology and Hygiene, Section IV, Vol. I, #1-6

XTEZ, Istvan, dr.

The moral basis of health education. Gyogyzzeresz 9 no.11:214-216
1 Nov 54.

(HEALTH, educ.
moral basis)





VITEZ, Istvan

Culture media for the cultivation and identification of pathogenic
fungi. Kiserletes Orvostud. 12 no. 6: 641-647 D'60.

1. Orszagos Kozegeszsegugyi Intezet.
(FUNGI culture)
(CULTURE MEDIA)

VITEZ, Istvan, dr.

Surgical aspects of modern disinfection and sterilization. Magy.
sebeszet 13 no.6:344-354 D '60.

1. A műtök higienes alapkövetelményei.
(STERILIZATION)

VITENZON, A.A. (Khar'kov)

Conveying the sewage from industrial enterprises of the Donets Basin to Lake Sivash. Vod.i san.tekh. no.2:5-8 F '60.
(MIRA 13:5)

(Donets Basin--Sewage disposal)
(Lake Sivash--Sewage disposal)

VITENZON, S-1
14

PHASE I BOOK INFORMATION 307/361

Inzopetrovsk. Metallurgicheskoye Institut
Obrabotka metallov davleniem (Metal Forming) Khar'kov, Metallurg-
izdat, 1960. 368 p. (Series: Itc: Nauchnyye trudy, vyp. 39)
2,100 copies printed.

Ed.: A.P. Chelomeyev. Ed. of Publishing House: R.A. Belinsk; Tech.
Ed.: S.P. Andreyev.

PURPOSE: This collection of articles is intended for technical and scientific personnel in metallurgy and in mechanical engineering. It will also be of interest to designers of rolling equipment.

CONTENTS: This collection of articles treats the theory of rolling. It discusses such factors as the total and the unit pressures of the work on rolls, moments of rolling, forward slip, spread, etc. It also includes results obtained from investigation of rail quality, rolling of cast iron sheets, and other problems. No personalities are mentioned. References follow each article.

Chelomeyev, A.P. and N.I. Chernobog (Candidate of Technical Sciences). Deformation of Metal in the Manufacture of Pipe. 173

The authors present a method for determination of local (layer) deformations for any element of pipe in the form of defor-
mations occurring during helical rolling, the kinematics of the process
magnitude and direction of forces in the contact area, slip of
metal, and the ways of intensification of the process of
helical rolling in order to determine the most suitable process
for given conditions.

Chelomeyev, A.P., Ya.J. Pleshchayev [Candidate of Technical
Sciences] and I.A. Dzhurko [Engineer]. Kinematics of the
Process of Helical Rolling. 191

The authors present a new way a number of phenomena
occurring during helical rolling, the kinematics of the process
magnitude and direction of forces in the contact area, slip of
metal, and the ways of intensification of the process of
helical rolling.

Galekin, M.P. [Candidate of Technical Sciences]. Effect of Size
and Shape of Triangular Roll Passes on the Quality of Rails 221

This article deals with experiments undertaken by the author
in order to determine the effect of the condition of deformation
of rails on elimination of defects in rails. The practical
recommendations concerning the shape passes and magni-
tude of defects are presented.

Chelomeyev, A.P., A.E. Gulyayev [Candidate of Technical Sciences],
and V.D. Shestopalov [Engineer]. Cold Rolling of Annealed Cast Iron 231

The authors describe process of removing defects on cast iron
sheets either by hot or by cold rolling.

Stepanova, Yu.O. [Engineer], A.I. Vitzenzon [Candidate of Technical
Sciences], and L.D. Stepanova [Engineer]. Effect of Cold De-
formation on the Properties of Cast Iron Sheets. 243

The authors discuss the effect of cold hardening, recrystallization, number of passes,
effect of cold hardening, and strength of cast iron
sheets is discussed.

Vitzenzon, Val. [Candidate of Technical Sciences], I.D. Kronfel'd, I.
S.V. Razinov, and L.A. Oshmarin [Engineers]. Investigation of
Fracture of Rolls and Tool Consumption at Rolling Pipe in Con-
tinuous Rolling Mill With Long Mandrel. 252

The authors discuss the distribution of pressure on rolls, the
effect of wall thickness and amount of additional alloy in
steel on the pressure of the rolls, corrective formulas for
determination of unit and total roll pressure, and for power
consumption in continuous rolling.

Chelomeyev, A.P., and L.Ye. Kapurov. Experimental Investigation
of Unit Pressure in Hot Rolling. 278

The authors conducted a laboratory investigation in the
Dnepropetrovsk Metallurgical Institute on determination of mag-
nitude and distribution pattern of the unit pressure in the
contact area at rolling of tool and of various thicknesses
with various drafts.

VITEZ, M.

The development of shipbuilding in Japan. p. 174.

BRODOGRADNJA. (Centralna uprava brodogradnje) Zagreb, Yugoslavia.
Vol. 9, no. 5, 1958.

Monthly List of East European Accessions (EEAI) LC, Vol. 8, no. 8, Aug. 1959.

Uncl.

VÍTEZ KALOUS

MD ✓ Polarographic catalytic effect of protein in glycine buffer
solutions containing cobalt. Vítěz Kalous (Karlova Univ.,
Prague). *Chem. Listy* 56, 213-218 (1962). The catalytic
polarographic effect of insulin (I) in glycine buffer solns.
contg. Co^{++} and $\text{Co}^{++\pm}$ was studied at varying concns. of I
and of Co^{++} at different pH values and buffer capacities.
The protein effect is analogous to that found in ammoniacal
buffer solns. excepting the dependence on the pH value and
the buffer capacity. With increasing concn. of I the reduc-
tion wave of Co was shifted toward the more pos. values,
which was caused by the complex formation of Co with I.
F. Štráfelská

VITEZ, Ljubka, inz.

The new method in drying the frozen foodstuff proved successful. Nova
proiz 13 no.5:361-363 N '62.

VITEZ, Ljubka, dipl. inz. (Ljubljana)

Survey of the activities of the Society of Food and
Food-Supply Technical Workers of Slovenia. Nova proizv
3/4:237-238 '64.

"APPROVED FOR RELEASE: 09/01/2001

CIA-RDP86-00513R001860120005-8

VITEZ, Ljubka, inz.

~~Prepared frozen foods. Nova proizv 14 no.1:13-17 P '63.~~

APPROVED FOR RELEASE: 09/01/2001

CIA-RDP86-00513R001860120005-8"

VITEZ, L.; KOVACS, L.

Investigation of Perlon filtering and tammying tissues. p. 78.

HIDROLOGIAI KOZLONY. HYDROLOGICAL JOURNAL. (Magyar Hidrologiai Tarsasag)
Budapest, Hungary. Vol. 39, no. 1, Jan. 1959.

Monthly list of East European Accessions (EEAI), LC. Vol. 8, no. ?, July 1959
unclu.

VITEZ, M.

The change from the petroleum method to the natural gas method of heating
the SM furnaces in the USSR. p.163

TEHNIČKI FREGLERD. (Centar za naučnu dokumentaciju i produktivnost Hrvatske)
Zagreb, Yugoslavia
Vol.10, no.5/6, 1958

Monthly List of East European Accessions Index (EEAI) LC, Vol.8, no.11
Nov. 1959
Uncl.

VITEZ, Milan

Programs for the modernization of Japanese shipyards. Brodogradnja
Lj. no. 6:228-229 '63.

VITEZ, Milan, dr.

Thin plates of nonrustable steel. Brodogradnja 6 no.3:134-135 '55.

VITEZ, Milan, inz.

Increased rentability of petroleum tankers. Brodogradnja 6 no.1:29-
34 '55.

VITEZ, Milos, MUDr.

Osteopoikilie. Cesk. roentg. 10 no.3:128-129 Aug 56.

(OSTEOSCLEROSIS, case reports
osteopoikilosis)

KOZELJ, Bogo; VITEZ, Oskar

For a higher level of scientific research in the food industry
and catering. Nova proizv 14 no.2:89-93 My '63.

KLIMOVA, T.K.; LEVACHEV, I.A.; STAROSTINA, A.V.; VITEZева, K.A.

Some data on tularemia in Archangel Province. Zhur. mikrobiol.,
epid. i immun. 40 no.6:48-54 Je '63. (MIRA 17:6)

1. Iz Leningradskoy protivochumnoy portovoy i gorodskoy
nablyudatel'noy stantsii.

VITGEFT A.E.

✓ Phytocides of conifers of Western Siberia. I. The
antimicrobial action of the alcohol extract of the bark of fir
trees. A. E. Vitgeft. *Voprosy Kraevoi Pidat. Fitotsidov i Proizvodstv. Bakter. Preparatov* (Tomsk) 1953, 128-33;
Referat. Zhur. Khim., Biol. Khim. 1955, No. 357.—The
alc. exts. of the needles and bark of fir, spruce, pine, cedar,
and larch arrested the growth of diphtheria bacteria. Gen-
erally the bark exts. were more antibacterial than the exts. of
the needles; cedar and spruce bark exts. had the greatest
activity. No loss in potency of the alc. exts. was noted upon
storing at room temp. Fir exts. arrested the growth of a
whole series of gram-positive bacteria, but none of the gram-
negative bacteria. B. S. Levine—

VITGEFT, A.Ye.

Errors occurring in the study of soil microflora inoculated into solid culture media. Mikrobiologija 30 no.6:1052-1059 N-D '61.
(MIRA 14:12)

1. Institut botaniki AN Tadzhikskoy SSR.
(SOIL MICRO-ORGANISMS)
(BACTERIOLOGY--CULTURES AND CULTURE MEDIA)

VITGEFT, A.Ye.

Antagonistic effect of actinomycetes on the cotton wilt pathogen.
Antibiotiki 5 no.6:111-113 N-D '60. (MIRA 14:3)

1. Institut pochvovedeniya AN Tadzhikskoy SSR.
(ACTINOMYCETES) (FUNGI)

Country	: USSR
Category	: Microbiology. Antibiosis and Symbiosis. Antibiotics. ^F
Abstr. Jour	: Ref Zhur-Biol., No 23, 1958, No 103703
Author	: Sul'kova N.O., Vitgeft A. Ye.
Institut.	: Tomsk Scientific Research Institute of Vaccines and Sera
Title	: Antimicrobial Properties of Resins of Certain Plants
Oris, Pub.	: Tr. Tomskogo n.-i. in-ta vaktsin i sывороток, 1955, 6, 239-241
Abstract	: No abstract.
Card:	1/1

F-25

VITGEFT, A. YE.

Vitgeft, A. Ye. -- "The Effect of Phytoncides of Coniferous Plants on the Causative Agent of Diphtheria." Min. health RSFSR. Leningrad Sanitary Hygiene Medical Inst. Leningrad, 1956. (Dissertation For the Degree of Candidate in Biological Sciences).

So: Knizhnaya Letopis', No. 11, 1956, pp 103-111.

VITGEFT, A. Ye.

"Effect of Phytoncidal Coniferous Plants on the Causative Agent of Diphtheria."
Can. Biol. Sci., Tomsk Sci.-Res Inst of Vaccines and Sera, Stalinabad, 1954.
(RZhBiol, No 8, Apr 55)

SO: Sum. No. 704, 2 Nov 55 - Survey of Scientific and Technical Dissertations
Defended at USSR Higher Educational Institutions (16).

VITGEFT, A.Ye.

Third conference on the use of mathematical methods in biology.
Izv. AN SSSR. Ser. biol. 27 no.1:151-152 Ja-F '62. (MIRA 15:3)
(BIOLOGICAL RESEARCH--CONGRESSES)

VITGEFT, A.Ye.

Use of dispersion analysis in the investigation of errors in
the quantitative study of soil microflora. Mikrobiologiya 32
no.2:327-333 Mr-Ap '63. (MIA 17:9)

1. Botanicheskiy institut AN Fedzhikskoy SSR.

VITHA, Oldrich, inz., Sc.C.

Development of water resources as suggested by the Water
Resources Development Agency in Prague. Vodni hosp 12
no.11:437-438 N '62.

1. Reditelstvi vodohospodarskeho rozvoje, Praha.

VITHA, O.

Construction of small hydroelectric plants. p. 22.

Vol. 4, no. 1, Jan. 1954
VODNÍ HOSPODÁŘSTVÍ
Praha, Czechoslovakia

Source: East European Accession List. Library of Congress
Vol. 5, No. 6, August 1956

VITRA, C.

Justification of the construction of new hydroelectric plants. p. 88.

Vol. 4, no. 3, kar. 1954
VODNI HOSPODARSTVI
Praha, Czechoslovakia

Source: East European Accession List. Library of Congress
Vol. 5, No. 3, August 1956

VITRA, O.

Justification of the construction of new hydroelectric plants. p. 110.

Vol. 4, no. 4, Apr. 1954
VODNI HOSPODARSTVI
Praha, Czechoslovakia

Source: East European accession list. Library of Congress
Vol. 5, No. 8, August 1956

VITKA, S.

The protective effect of water reservoirs. p. 174.

Vol. 4, no. 5, May 1954
VODNÍ HOSPODÁSTVÍ
Práha, Czechoslovakia

Source: East European Accession List. Library of Congress
Vol. 5, No. 2, August 1956